

March 4, 2016

Let  $n$  be the length of ①

$$n' + 3n + (7n+2)' = 46'$$

$$11n + 2 = 46$$

$$11n = 44$$

$$n = 4'$$

①  $4'$   
 ②  $3(4)' = 12'$   
 ③  $7(4)+2 = 28+2 = 30'$

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#9)

$4x + x = 70$   
 $5x = 70$   
 $x = 14 \text{ miles}$

OR  
 $56 + 14 = 70$   
 $70 = 70 \checkmark$

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#6)

$n + n + 1 + n + 2 = 486$   
 $3n + 3 = 486$   
 $3n = 483$   
 $n = 161$

① 161 yards  
 ②  $161 + 1 = 162 \text{ yards}$   
 ③  $161 + 2 = 163 \text{ yards}$

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$-183$     $-181$     $-179$

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